

Geon™ Vinyl Flexible 90010

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Flexible 90010 is a flexible polyvinyl chloride product. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Geon™Vinyl Flexible 90010 applications include the automotive industry and outdoor applications. The main characteristics are: low gloss.

General Information			
Features	Gloss, low		
	General		
Uses	Application in Automobile Field		
	Car exterior decoration		
	Outdoor application		
	General		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	45		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	25.3	MPa	ASTM D638
Tensile Elongation ² (Break)	280	%	ASTM D638
Tear Resistance ³	80.0	kN/m	ASTM D1004
Low Temperature Flexibility ⁴ (-29°C, 508.0 µm)	Pass		
Volatile Loss ⁵ (105°C, 1.91 mm)	0.30	%	ASTM D1203B
Antifungal	Pass		ASTM G21
Xenon Weatherometer ⁶	Pass		SAE J1960
Additional Information	Nominal Value	Unit	Test Method
注释:汽车OEM认证.			
NOTE			
1.	510 mm/min		
2.	510 mm/min		
3.	Mold C,2 inches/min		
4.	4 hours, 12mm		
5.	Method A		
6.	External, 301 kJ/m, all colors, dE * <3.0		

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